

**WEST**

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L5: Entry 2 of 3

File: JPAB

Jan 21, 1997

PUB-NO: JP409022374A

DOCUMENT-IDENTIFIER: JP 09022374 A

TITLE: INFORMATION PROCESSING SYSTEM CAPABLE OF ACCESSING DIFFERENT  
KIND OF FILE AND CONTROL METHOD THEREFOR

PUBN-DATE: January 21, 1997

## INVENTOR-INFORMATION:

NAME

COUNTRY

ITO, HIROMICHI

ARAI, MASATO

NAKADA, YUKIO

ITOU, HISAYA

MORI, MITSURU

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

HITACHI LTD

HITACHI SOFTWARE ENG CO LTD

APPL-NO: JP07170019

APPL-DATE: July 5, 1995

INT-CL (IPC): G06 F 12/00; G06 F 12/00; G06 F 13/00; G06 F 13/00

## ABSTRACT:

PROBLEM TO BE SOLVED: To provide an information processing system capable of efficiently accessing files on plural file servers whose file management methods are different by a single client program and to provide a control method therefor.

SOLUTION: By providing a gateway program 20 on a first server information processor 120 and providing an agent program 30 operated corresponding to the gateway program 20 on a second server information processor 130, the copy of a directory structure of the file on the second server information processor is prepared on the first server information processor 120. Also, data in the file are not copied at the time of preparing the copy and the data are copied only when the file is opened from the application program 8a of a client information processor 110.

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**WEST****End of Result Set**

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L3: Entry 1 of 1

File: DWPI

Mar 6, 2001

DERWENT-ACC-NO: 1996-335665

DERWENT-WEEK: 200115

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TITLE: Manipulation method for three-dimensional object in two software applications - involves retrieving model of object created and stored in first coordinate system into second software application with second coordinate system

INVENTOR: FORTENBERY, M; PATIENCE, R ; PAYANNET, D J ; STUBBS, C M ; FORTENBERY, M D

PATENT-ASSIGNEE: INTERGRAPH CORP (INTEN)

PRIORITY-DATA: 1995US-0378251 (January 23, 1995), 1997US-0855775 (May 12, 1997), 1999US-0258595 (February 26, 1999)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 6198487 B1	March 6, 2001		000	G06F015/00
EP 723250 A2	July 24, 1996	E	058	G06T017/00
EP 723250 A3	April 16, 1997		000	G06T017/00
US 5682468 A	October 28, 1997		045	G06T015/00
US 5910804 A	June 8, 1999		000	G06T015/00

DESIGNATED-STATES: DE FR GB IT NL

CITED-DOCUMENTS:3.Jnl.Ref

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
US 6198487B1	January 23, 1995	1995US-0378251	Cont of
US 6198487B1	May 12, 1997	1997US-0855775	Cont of
US 6198487B1	February 26, 1999	1999US-0258595	
US 6198487B1		US 5682468	Cont of
US 6198487B1		US 5910804	Cont of
EP 723250A2	January 19, 1996	1996EP-0100765	
EP 723250A3	January 19, 1996	1996EP-0100765	
US 5682468A	January 23, 1995	1995US-0378251	
US 5910804A	January 23, 1995	1995US-0378251	Cont of
US 5910804A	May 12, 1997	1997US-0855775	
US 5910804A		US 5682468	Cont of

INT-CL (IPC): G06 F 15/00; G06 T 15/00; G06 T 17/00

ABSTRACTED-PUB-NO: EP 723250A

BASIC-ABSTRACT:

The method involves creating a model of a three-dimensional object with a first software application. The software application has a three-dimensional coordinate system. The model of the three-dimensional object is stored in a model format. The model in the model format is then retrieved into a second software application. The second software application has a second coordinate system. Finally a view of the model of the three-dimensional object is manipulated with the second software application and within the second coordinate system.

The second coordinate system is a three-dimensional coordinate system. The method further involves creating a model of a second three-dimensional object with the second software application and within the second coordinate system. The model of the second three-dimensional object is manipulated with the second software application using the model of the first three-dimensional object.

ADVANTAGE - Enables user to transfer three-dimensional objects between software applications from different suppliers.

ABSTRACTED-PUB-NO: US 5682468A

EQUIVALENT-ABSTRACTS:

In a computer system having an object-oriented environment and a computer memory, a method for invoking software objects, comprising the steps of:

creating a first object server in the computer memory within a first software application program, the first object server including data describing a first object, an implementation of a two-dimensional interface having two-dimensional interface methods, and an implementation of a three-dimensional interface having three-dimensional interface methods;

retrieving the first object server in a second software application program;

invoking at least one of the three-dimensional interface methods from the first object server within the second software application program, the second software application program serving as an object container for the first object server; and

creating a second object server in the computer memory within the second software application program, the second object server including data describing a second object, an implementation of a two-dimensional interface having two-dimensional interface methods and an implementation of a three-dimensional interface having three-dimensional interface methods, the second software application serving as an object container for the second object server; and

invoking at least one of the three-dimensional interface methods from the second object server with the second object container.

US 5910804A

The method involves creating a model of a three-dimensional object with a first software application. The software application has a three-dimensional coordinate system. The model of the three-dimensional object is stored in a model format. The model in the model format is then retrieved into a second software application. The second software application has a second coordinate system. Finally a view of the model of the three-dimensional object is manipulated with the second software application and within the second coordinate system.

The second coordinate system is a three-dimensional coordinate system. The method further involves creating a model of a second three-dimensional object with the second software application and within the second coordinate system. The model of the second three-dimensional object is manipulated with the second software application using the model of the first three-dimensional object.

ADVANTAGE - Enables user to transfer three-dimensional objects between software applications from different suppliers.

US 6198487B

The method involves creating a model of a three-dimensional object with a first software application. The software application has a three-dimensional coordinate system. The model of the three-dimensional object is stored in a model format. The model in the model format is then retrieved into a second software application. The second software application has a second coordinate system. Finally a view of the model of the three-dimensional object is manipulated with the second software application and within the second coordinate system.

The second coordinate system is a three-dimensional coordinate system. The method further involves creating a model of a second three-dimensional object with the second software application and within the second coordinate system. The model of the second three-dimensional object is manipulated with the second software application using the model of the first three-dimensional object.

ADVANTAGE - Enables user to transfer three-dimensional objects between software applications from different suppliers.

CHOSEN-DRAWING: Dwg.4/35 Dwg.5/35

DERWENT-CLASS: T01  
EPI-CODES: T01-J10C4;

**WEST**

Help

Logout

Interrupt

Main Menu

Search Form

Posting Counts

Show \$ Numbers

Edit \$ Numbers

Preferences

Cases

**Search Results -**

Terms	Documents
(first near3 server and second near3 server) and software	3

Database:

US Patents Full-Text Database  
 US Pre-Grant Publication Full-Text Database  
**JPO Abstracts Database**  
 EPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L5

Refine Search

Recall Text

Clear

**Search History**DATE: Monday, February 18, 2002 [Printable Copy](#) [Create Case](#)**Set Name Query**

side by side

**Hit Count Set Name**

result set

DB=JPAB; PLUR=YES; OP=OR

L5 (first near3 server and second near3 server) and software 3 *L5 Considered*  
L4 (first near3 server and second near3 server) and invoc\$3 near3 software 0 L4

DB=DWPI; PLUR=YES; OP=OR

L3 (first near3 server and second near3 server) and invoc\$3 near3 software 1 *L3 Considered*

DB=USPT; PLUR=YES; OP=OR

L2 L1 and (on-line near3 shop\$4) 1 *L2 Considered*  
L1 (first near3 server and second near3 server) and invoc\$3 near3 software 45 *L1 Considered only abstract*

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 6049664 A

L2: Entry 1 of 1

File: USPT

Apr 11, 2000

US-PAT-NO: 6049664

DOCUMENT-IDENTIFIER: US 6049664 A

TITLE: Tier-neutral development mechanism for hypertext based applications

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------

KMIC	Draw Desc	Image
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[Generate Collection](#)[Print](#)

Terms	Documents
L1 and (on-line near3 shop\$4)	1

**Display Format:**

TI

[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 1 of 1 returned.**

☐ 1. Document ID: US 6198487 B1, EP 723250 A2, EP 723250 A3, US 5682468 A, US 5910804 A

L3: Entry 1 of 1

File: DWPI

Mar 6, 2001

DERWENT-ACC-NO: 1996-335665

DERWENT-WEEK: 200115

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TITLE: Manipulation method for three-dimensional object in two software applications - involves retrieving model of object created and stored in first coordinate system into second software application with second coordinate system

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KWIC](#) [Draw Desc](#) [Clip Img](#) [Image](#)[Generate Collection](#)[Print](#)

Terms	Documents
(first near3 server and second near3 server) and invok\$3 near3 software	1

**Display Format:**[TI](#)[Change Format](#)[Previous Page](#)[Next Page](#)

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: JP 2000181977 A

L5: Entry 1 of 3

File: JPAB

Jun 30, 2000

PUB-NO: JP02000181977A

DOCUMENT-IDENTIFIER: JP 2000181977 A

TITLE: APPLICATION DOCUMENT PREPARATION METHOD AND DEVICE, PROGRAM  
STORAGE MEDIUM AND COMPUTER SYSTEM FOR APPLICATION DOCUMENT  
PREPARATION

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: JP 09022374 A

L5: Entry 2 of 3

File: JPAB

Jan 21, 1997

PUB-NO: JP409022374A

DOCUMENT-IDENTIFIER: JP 09022374 A

TITLE: INFORMATION PROCESSING SYSTEM CAPABLE OF ACCESSING DIFFERENT  
KIND OF FILE AND CONTROL METHOD THEREFOR

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 3. Document ID: JP 06004500 A

L5: Entry 3 of 3

File: JPAB

Jan 14, 1994

PUB-NO: JP406004500A

DOCUMENT-IDENTIFIER: JP 06004500 A

TITLE: AUTOMATIC COMMUNICATION CHANNEL FAULT EVADING SYSTEM IN  
COMMUNICATION SERVER SYSTEM

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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[Generate Collection](#)[Print](#)

Terms	Documents
(first near3 server and second near3 server) and software	3



Logging in to Dialog

Trying 3106900061...Open

DIALOG INFORMATION SERVICES  
PLEASE LOGON:

\*\*\*\*\*

ENTER PASSWORD:

□t790xwtk

\*\*\*\*\*

Welcome to DIALOG

Dialog level 02.01.23D

Last logoff: 14feb02 10:53:50

Logon file405 18feb02 11:25:27

\*\*\* ANNOUNCEMENT \*\*\*

\*\*\*

--Connect Time joins DialUnits as pricing  
options on Dialog. See HELP CONNECT for  
information.

\*\*\*

--SourceOne patents are now delivered to your  
email inbox as PDF replacing TIFF delivery.  
See HELP SOURCE1 for more information.

\*\*\*

--Important news for public and academic  
libraries. See HELP LIBRARY for more information.

\*\*\*

--Important Notice to Freelance Authors--  
See HELP FREELANCE for more information

\*\*\*

#### NEW FILES RELEASED

\*\*\*TEME - Technology and Management (File 95)

\*\*\*NewsRx Weekly Reports (File 135)

\*\*\*TRADEMARKSCAN-Japan (File 669)

\*\*\*Financial Times Fulltext (File 476)

\*\*\*

#### UPDATING RESUMED

\*\*\*Delphes European Business (File 481)

\*\*\*

#### RELOADED

\*\*\*CLAIMS/US PATENTS (Files 340, 341, 942)

\*\*\*Kompass Middle East/Africa/Mediterranean (File 585)

\*\*\*Kompass Asia/Pacific (File 592)

\*\*\*Kompass Central/Eastern Europe (File 593)

\*\*\*Kompass Canada (File 594)

\*\*\*CANCERLIT (File 159)

\*\*\*D&B - Dun's Market Identifiers (516)

\*\*\*Information Science Abstracts (File 202)

#### REMOVED

\*\*\*Tax Notes Today (File 790)

\*\*\*State Tax Today (File 791)

\*\*\*Worldwide Tax Daily (File 792)

\*\*\*Court Filings (File 793)

\*\*\*New document supplier\*\*\*

IMED has been changed to INFOTRIE (see HELP OINFOTRI)

>>>Get immediate news with Dialog's First Release news service. First Release updates major newswire databases within 15 minutes of transmission over the wire. First Release provides full Dialog searchability and full-text features. To search First Release files in OneSearch simply BEGIN FIRST for coverage from Dialog's broad spectrum of news wires.

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<  
>>> of new databases, price changes, etc. <<<  
\*\*\*\*

>>>Argument missing on SET ALIAS  
>>>No alias set.

0 ALIAS FTCORE1 15, 9, 623, 810, 275, 624  
FTCORE2 is set ON as an alias for 813, 636, 621, 16, 160, 148, 20.  
\*\*\*\*

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.8 term=ASCII

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help

/L = Logoff

/NOMENU = Command Mode

Enter an option number to view information or to connect to an online service. Enter a BEGIN command plus a file number to search a database (e.g., B1 for ERIC).

? b 410

18feb02 11:25:29 User226364 Session D324.1  
\$0.00 0.227 DialUnits FileHomeBase  
\$0.00 Estimated cost FileHomeBase  
\$0.00 Estimated cost this search  
\$0.00 Estimated total session cost 0.227 DialUnits

File 410:Chronolog(R) 1981-2002/Jan  
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Set Items Description  
--- -----

? set hi ;set hi

HILIGHT set on as ''

HILIGHT set on as ''

? b 15,9,623,810,275,624,636,621,813,16,160,148,20

18feb02 11:26:07 User226364 Session D324.2  
\$0.00 0.072 DialUnits File410  
\$0.00 Estimated cost File410  
\$0.04 TYMNET

\$0.04 Estimated at this search  
\$0.04 Estimated dial session cost 0.299 DialUn

SYSTEM:OS - DIALOG OneSearch

File 15:ABI/Inform(R) 1971-2002/Feb 16

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\*File 15: SELECT IMAGE AVAILABILITY FOR PROQUEST FILES

ENTER 'HELP PROQUEST' FOR MORE

File 9:Business & Industry(R) Jul/1994-2002/Feb 15

(c) 2002 Resp. DB Svcs.

File 623:Business Week 1985-2002/Feb 15

(c) 2002 The McGraw-Hill Companies Inc

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 275:Gale Group Computer DB(TM) 1983-2002/Feb 18

(c) 2002 The Gale Group

File 624:McGraw-Hill Publications 1985-2002/Feb 15

(c) 2002 McGraw-Hill Co. Inc

File 636:Gale Group Newsletter DB(TM) 1987-2002/Feb 18

(c) 2002 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2002/Feb 18

(c) 2002 The Gale Group

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2002/Feb 18

(c) 2002 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989

(c) 1999 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2002/Feb 18

(c)2002 The Gale Group

File 20:Dialog Global Reporter 1997-2002/Feb 18

(c) 2002 The Dialog Corp.

Set Items Description

--- -----

? s first (3n) server and second (3n) server and invok? (3n) software

Processing

Processed 10 of 13 files ...

Processing

Processing

Completed processing all files

13545272 FIRST

1297221 SERVER

31934 FIRST(3N) SERVER

5819255 SECOND

/ 1297221 SERVER

8246 SECOND(3N) SERVER

85077 INVOK?

5765827 SOFTWARE

560 INVOK?(3N) SOFTWARE

S1 0 FIRST (3N) SERVER AND SECOND (3N) SERVER AND INVOK? (3N)  
SOFTWARE

? s first (3n) server and second (3n) server and software

Processing

Processed 10 of 13 files ...

Processing

Completed processing all files

13545272 FIRST

1297221 SERVER

31934 FIRST(3N) SERVER

5819255 SECOND

1297221 SERVER

8246 SECOND(3N) SERVER

5765827 SOFTWARE

S2 846 FIRST (3N) SERVER AND SECOND (3N) SERVER AND SOFTWARE  
? s s2 and on-line (3n) shop?

846 S2  
1 ON-LINE  
2373936 SHOP?  
0 ON-LINE(3N)SHOP?  
S3 0 S2 AND ON-LINE (3N) SHOP?  
? s s3 and purchas?

Processing  
Processed 10 of 13 files ...  
Completed processing all files  
0 S3  
5053838 PURCHAS?  
S4 0 S3 AND PURCHAS?  
? s s2 and purchas?

846 S2  
5053838 PURCHAS?  
S5 223 S2 AND PURCHAS?  
? s s2 and purchas? (3n) information

Processing  
Processed 10 of 13 files ...  
Completed processing all files  
846 S2  
5053838 PURCHAS?  
14709280 INFORMATION  
56846 PURCHAS?(3N)INFORMATION  
S6 2 S2 AND PURCHAS? (3N) INFORMATION  
? t s6/free,k/1-2

6/K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:(c) 2002 ProQuest Info&Learning. All rts. reserv.

01691206 03-42196

\*\*USE FORMAT 9 FOR FULL TEXT\*\*

An expansive proposition WORD COUNT: 33912 LENGTH: 52 Pages

Jul 1998

COMPANY NAMES:

SAP AG

Oracle Corp (DUNS:08-995-8862)

Baan Co

J D Edwards & Co Inc (DUNS:08-634-9982)

System **Software** Associates Inc (DUNS:07-339-8414 TICKER:SSAX)

DESCRIPTORS: Manycompanies; Maintenance management; Enterprise resource  
planning; **Software** industry

CLASSIFICATION CODES: 5130 (CN=Maintenance); 5240 (CN=Software & systems);  
8302 (CN=Software and computer services)

...ABSTRACT: enterprise resources planning systems and maintenance  
management systems. The list of the 1998 Manufacturing Systems  
**Software** top ERP and maintenance management systems firms is  
presented, and ERP and maintenance management systems...

...TEXT: that ERP long ago expanded beyond the basic inventory control and  
planning functions of it **software** ancestor-materials requirements  
planning (MRP)-to include enterprisewide transactional and planning  
functions. The new twist...

... the maintenance management system can become the key enterprise system  
for companies. Enterprise asset management **software** also does more  
than offer

multisite capabilities. New features, such as workflow and costing analysis tools, are being incorporated into systems to better manage an enterprise's total assets.

ERP **software** packages are the main transactional and planning systems used in manufacturing today. Analysts place the market for ERP **software** at more than \$10 billion last year. In fact, the top 10 ERP vendors profiled...

...information straight to managers' desktops.

New transactional functions offered by ERP vendors include customer interaction **software**, product configurators, and modules that help organizations plan, manage, and provide costing for service projects...

... one basic way to sum up the advances in both the ERP and maintenance management **software** markets.

1 SAP s

Catch us, if you can

For several years now, SAP has been the undisputed leader of the enterprise resources planning (ERP) **software** market, but this German powerhouse with North American headquarters in Newtown Square, Pa., is not...

... was designed to accomplish three specific goals: divide the core R/3 product into separate **software** components;

create component bundles for specific vertical industries; and

expand the product suite to include...

... Instead of following common industry practice of forming alliances with supply-chain and front-office **software** vendors-and building interfaces to link ERP with those vendors' products-SAP has concentrated on ...has not been very active.

Klaiss says Oracle is the first enterprise resources planning (ERP) **software** provider to integrate support for flow manufacturing into its ERP system. He says this technique which...our customers, and it sets us apart from our competitors."

3 The Baan Co.

A **software** conglomerate

When he started his business, Jan Baan envisioned a "**software** factory" mass-producing products that manufacturers could easily plug into their operations and begin using...

... mode." This transformation is reflected in the recent release of the Baan Series, a new **software** suite that Drury says responds to manufacturers' dual demands for best-of-breed applications and...

... cohesive solution sets. Drury says Baan has managed to meet those demands by building its **software** in components, thereby giving users the flexibility to configure-and have Baan assemble-unique business...

... architectural platform that supports a set of special interfaces designed to facilitate smooth linkage between **software** components.

These interfaces-called BOIs (Baan Open Interfaces) can meld Baan components with third-party...

... these acquired applications into its business has given Baan the look

not only of a **software** factory, but also of a **software** conglomerate. The Baan Co. remains the parent company of this conglomerate, producing the ERP components...

... added to the Baan Series suite. Baan's front-office applications are built by Aurum **Software**, Santa Clara, Calif., which Baan acquired last year. Baan solidified its financial and human resources offerings this year with the respective purchases of Meta4 and Coda Group PLC, two European **software** companies.

Other recent Baan organizational moves include the formation of a three-person Executive Office...

... automation with our ERP backbone." A complete package-just what you would expect from a **software** factory.

4 J.D. Edwards Hey, look us over

When industry analysts are asked to identify the top-tier enterprise resources planning (ERP) **software** suppliers, they generally name what has come to be known as the Big Four. But a check of the past few Manufacturing Systems top **software** suppliers list makes a case for rechristening that group the Big Five.

That's because is based on manufacturing **software** sales, and J.D. Edwards consistently outranks at least one or two of the other...

... is a likely reason why J.D. Edwards is routinely overlooked in discussions of toptier **software** suppliers. After all, the words AS/400, while still revered among the platform's large...

... will change as the number of customers going live on the J.D. Edwards OneWorld **software** product-which now exceeds 35-continues to grow.

"Over the past couple of years, the...

... new program involved signing up a series of new distributors to market J.D. Edwards **software** in the lower end of the midrange market, which J.D. Edwards views as manufacturers...

... working with system integrators who will help J.D. Edwards secure contracts to sell hardware, **software** and system implementation and management services to mid-sized manufacturers. Collison says this program should...

... hopes some of these evaluations result in the purchase of OneWorld, a two-year-old **software** suite that employs business objects on what J.D. Edwards calls a configurable network computing...

... this architecture allows users to deploy components from each of the three J.D. Edwards **software** products-as well systems from third-party suppliers-on the same network. In addition to...

... J.D. Edwards offers a client/server-based system called WorldVision, along with its World **Software** for the AS/400.

The CNC architecture also has allowed J.D. Edwards to expand the number of platforms its **software** can run on to include several variants of UNIX, as well as Microsoft Windows NT. J.D. Edwards has spent much of the past year augmenting its **software** with the complementary supplychain and front-office system functionality that users increasingly expect ERP suppliers...

... into our system, to provide that complete offering that customers are looking for."

5 System **Software** Associates

An agenda for change

This year's big news from SSA appears to be...

... has been struggling to improve its financial performance since it unveiled BPCS Version 6, the **first** client/**server** version of its ERP product roughly two years ago.

The marketing department makeover was the...focused on meeting the needs of industrial companies, which is what we do best."

"Our **software** always has been designed for fast implementation," Hoyt adds. "We are maintaining incredibly quick time..."

...System 21 to support.

This vision-which JBA calls The Active Enterprise-is driven by **software** systems that can monitor a company's business processes, detect potential problems, and alert the...

... the market today. He says the system's component architecture enables easy meshing with complementary **software** systems such as advanced planning and scheduling (APS) or front-office solutions, as well as...

... spirits sector of the food and beverage industry. That partnership involves packaging specially configured JBA **software** with IBM hardware and using ...a complete package, or as separate pieces. The base product, called MK Manufacturing, is a **software** suite designed to run all of the operations within a mid-sized, discrete manufacturing company... business processes, and a workflow manager.

MK Group also has forged alliances with third-party **software** suppliers that will help extend the MK line's functionality beyond the traditional ERP environment...

...in their proper positions with the workflow manager, and then we install and implement the **software** according to those plans," Layton says. "This helps our customers accelerate the process of system..."

...ability has been enhanced through incorporation of agent technology that CA developed when creating Unicenter. **Software** agents can be dispatched to monitor and report on specific problems throughout an enterprise. Their...

... native on Windows NT Server, Koepfler says. "Last year, we dedicated 45 percent of our **software** sales back into research and development for the AS/400-based system," he says. "We...and-drop capabilities. Intentionia's acquisition this spring of PMSIM Systems A/S, a Danish **software** company specializing in advanced planning and scheduling (APS) applications, bolsters Intentionia's APS expertise, and support."

Indus employs approximately 1,000, providing **software** and services to more than 70 countries. The company maintains solution centers in Atlanta, Pittsburgh...

...European countries.

12 QAD

Supply-chain savvy

For a vendor of enterprise resources planning (ERP) **software**, QAD, Carpinteria, Calif., is sure talking a lot about supply-chain management these days. But...

...The recent 8.6 release of QAD's flagship MFG/PRO ERP system expands the **software**'s global supply-chain management capabilities, she says, and the first applications of On/Q...

...of C-Way Systems, a Ithaca, N.Y.-based supplier of advanced planning and scheduling **software**. Stuart Clifton,

DataWorks' president and CEO, says C-Way has provided enhanced international operations, comprehensive... our sweet spot. These organizations usually have limited resources and budgets. While the top-tier **software** vendors may work with a manufacturer like Ford Motor, we would manage a \$100-million...

...reach to the entire enterprise."

DataWorks' products also include Vista and Vantage, Microsoft Windows-based **software** solutions. Vista is a desktop system for small job shops or make-to-order departments...

... technique quickly captured manufacturers' attention and catapulted PeopleSoft to the upper echelons of the ERP **software** market. It also sent other ERP suppliers searching for similar planning technology for their own... spring's release of PeopleSoft 7.5 with an announcement of strategic alliances with nine **software** companies with products ranging from automatic data collection technology to warehouse and transportation management **software**.

Roon says PeopleSoft will work with these vendors-which also include product data management and maintenance management **software** suppliers-to develop wide-ranging solution templates for specific vertical markets. He predicts these solutions...

...If he's right, this could be the start of another market trend.

#### 17 American **Software**

Next generation now

Growth 2000 is American **Software**'s internal initiative for doubling its size by 2000, a goal that the Atlanta-based enterprise resources planning (ERP) **software** provider will pursue with a brand-new ERP package and differentiators such as an established, comprehensive **software** option for flow manufacturing.

"Through the first nine months of our Growth 2000 initiative, we...

... ahead of schedule for doubling the size of the company," says James C. Edenfield, American **Software** president and CEO.

Last year, the vendor posted revenue of \$84.7 million, capped by...

... vendor established Logility as a wholly owned subsidiary providing supply-chain management applications. While American **Software**'s products remain tightly integrated with Logility's applications, American **Software** is now betting its future growth on applications such as Flow Manufacturing, a system for demand-driven flow operations; and Intelliprise, American **Software**'s new ERP system introduced in April.

"Intelliprise is a brand-new ERP system built...

... a revised system, though it embodies 20 years of experience in manufacturing, financial, and logistics **software**."

Written using tools from Synon Inc., a Larkspur, Calif.-based development tools vendor, Intelliprise supports...

... business rules used with the system. "Traditional ERP packages hardwire a business structure within the **software**," Edenfield says.

"With Intelliprise, we've eliminated that approach and use one that is object...



...that difficult," says Edenfield.

Product innovations such as Intelliprise are one element to achieving American **Software's** Growth 2000 objective.

The other two key elements to Growth 2000 ...be evidenced by sales teams for specific markets, strategic partnerships, and the expansion of American **Software's** presence worldwide. American **Software** is confident this three-pronged approach will dramatically increase its size by 2000.  
MAPICS

On...

... year earlier. Approximately 25 percent of the company's 1997 revenues are attributed to new **software** licenses, while 19 percent are from annual license fees, such as maintenance.

The eventual move...

... products in two completely different markets. This dissolution created two new enterprise resources planning (ERP) **software** companies-the other being Atlanta-based MAPICS.

With roughly \$39 million in working capital and... mid-sized process manufacturers seeking a complete ERP system from a single vendor.

## 22 Infinium **Software**

The right platform for the right job The announcement early this year that IBM was...

... the AS/400e Series was welcome news to Fred Lizza, president and CEO of Infinium **Software**, Hyannis, Mass.

"That meant we could give our customers a lot of capabilities they couldn't ... and support for Microsoft's Windows NT Server operating system. The other is that the **software's** multilanguage, multinational capabilities are available through a consistent, global release, making Renaissance CS a...

... financial results for certain quarters during the past year, but over the past two years, **software** license contracts for Ross Systems' process ERP solution have grown by about 45 percent. For...

... quarter of 1998, revenues were up 28 percent over the same period in 1997, and **software** license revenue was up 48 percent.

Vohs attributes the recent bounce in Ross Systems' results...

...ago as a vendor of cross-industry financial applications.

Today, roughly 80 percent of the **software** company's revenues come from its process ERP solution. It will be this solution, bolstered... growth spurt in sales, the company may just do it.

Just three years ago, this **software** vendor, which employs 1,200 worldwide, launched its U.S. operations with a small sales...

...Last February, IFS announced a "Share the Success" program, which defers 50 percent of a **software's** license fees until the system itself actually is deployed. The program grew from the...and global

It may not be surprising that a vendor of enterprise resources planning (ERP) **software** named Tetra International is making a splash with multinational manufacturers, but it does so with...

... ERP market in 1995, and has its Americas headquarters in Houston. All

told, Tetra's **software** is used at more than 3,000 sites in 55 countries, primarily in the mid...

... system architecture helps build localizations, Kingsland says. "We have a soft front-end to the **software**, which means the screens aren't part of the main application code. That makes it...than they are given credit for, and do not want to be restricted by their **software** systems. They may not have big information technology staffs, but they are strong Windows-based...

... calls for the two companies to jointly offer integrated product, technology, and support.

"IBM offers **software**, services, and hardware targeted specifically for mid-sized manufacturers," De Rosa says. "Together, we offer...to the base ERP technology, and partnerships with companies such as sales and product configuration **software** vendor Trilogy Development Corp., Austin, Texas, add additional capabilities to the enterprise business management system...

...changes wrought by larger social change.

Founded in 1978, Datasul is the largest privately held **software** company in South America. It has competed in that market successfully against the likes of...

... its roots as a hardware supplier, the company has flowered into a company focused on **software** solutions. The company serves two major markets-the hospitality industry and small- to mid-sized process...who has been at MAI for four years, has extensive experience with companies that provide **software**, professional services, consulting, and end-user support to vertical markets.

George Bayz, president and CEO...

...management and procurement capabilities.

"In 1996, we spent a significant amount of time developing our **second**-generation client/**server** offering, we spent a lot on marketing, and also hired additional sales personnel," Millwood says...

... addition, last July, Datastream announced that it was making a \$2 million investment in Distinction **Software**. The Atlanta-based company's supply-chain planning **software** for process manufacturers includes demand forecasting, inventory management, and purchase and finite capacity planning. Integrating...

... distribution experience, Datastream will be able to offer integrated supply-chain planning and enterprise maintenance **software** to its base of more than 30,000 customers.

"These moves all strengthen our global...

... the niche market of make-to-order manufacturing, a company must start by addressing the unique **software** requirements of the industry. However, three other elements must also be evident to truly take...company has been working to increase the degree of functionality within its ERP system, Manufacturing **Software** System (MSS) for Objects. It also spent two years developing an object-oriented system named...the customer's site. That means we need people where our customers are."

#### 45 Lilly **Software** Associates A grand vision

The folks at Lilly **Software** Associates, Hampton, N.H., have taken to heart the notion that success in business requires...

... Dick" Lilly founded the company in 1992 on the premise that

manufacturers would embrace a **software** system that provided a graphical representation of their business processes. Thus, VISUAL Manufacturing was born.

Scott Rich, a Lilly **Software** vice president, says VISUAL Manufacturing features screens that emulate traditional manufacturing paperwork, and this, along...

... make-to-order parts manufacturers that comprised the company's original target market.

Today, Lilly **Software**'s target market has expanded to include not only small job shops, but manufacturers of...

... of their products. But the company has not strayed from its original vision.

Instead, Lilly **Software** officials boast that many of the features originally built into VISUAL Manufacturing-most notably the...

... As large enterprise resources planning (ERP) providers begin to attack the mid-sized market, smaller **software** companies already in that space are having to make choices: stand and fight, or join...companies that truly connect to MES systems. For the mid-market, preintegrated MES and ERP **software** is a requirement."

While intensifying competition was the real driver for EMS's new strategy ...

... events transpired. In addition to a planned reduction in factory-floor hardware sales, EMS's **software** sales were hampered by delays in introducing version 6.0 of TCM until November 1997...

...a scant 3 percent growth, to \$42.2 million, and a \$2.2-million loss. **Software** sales did increase 14 percent to \$21.7 million, however, and **software** sales and services now make up more than 90 percent of EMS's income.

47...

... planning (ERP) system vendor MDIS and Fujitsu Limited of Japan formed a joint-venture ERP **software** companyGlovvia-that combines the two companies' distribution, technology, industry expertise, and support resources.

"Since the... s government business. "The government has accelerated its existing contract with us to deploy our **software** into major depots all across the country," says Stiles. WDS's **software** is used in government installations for depot-level maintenance, repair, and overhaul (MRO) activities, which...

... to the needs of MRO activities driven directly for government and commercial applications. In making **software** development decisions, WDS has relied on customer input and industry trends, as well as best...

... component-based or modular solutions." The aerospace & defense industries have heretofore been characterized by monolithic **software** support solutions, many of them custom-built. But the trend is to package modular components...

... Stiles, "Boeing St. Louis is now building a military aircraft with commercial, off-the-shelf **software**. We believe this is the first time a complete aircraft is being built this way...

... contractors, and government depots toward infrastructure modernization around materials requirements planning-based activities using packaged **software** applications. "That's a new trend in the sense that they're

using commercial, off

... will extend from prime contractors through supply bases, which will be centered around a single **software** solution. This will bring about enhanced efficiencies and better competitive strength. In this dynamic situation...

...use.

Syspro Group Flexibility a major goal

Through successive generations of enterprise resources planning (ERP) **software**, Syspro Group has aimed to put its customers first by providing multiple platform choices, while...

... to use and integrate with third-party applications, says Brian Stein, president of Syspro Impact **Software**, Costa Mesa, Calif.

Syspro Group is an international supplier of ERP **software**, with 14 offices worldwide, and users in 45 countries. Syspro Impact **Software** is the Syspro organization serving the North American and South American markets. Worldwide, sales last...

...public to raise funds."

Syspro Impact Encore, Syspro's latest generation of client/server ERP **software**, debuted in 1995. The system runs on Microsoft Windows NT, Novell Netware, or several types...customers have been able to move to new platforms and keep their investment in our **software**."

Another aspect of Syspro's flexibility is its target market. Rather than focus on one...

... president. This early delivery, along with a mid-market focus, set PowerCerv's ERP Plus **software** apart from other ERP offerings, he adds.

"PowerCerv announced the integration of front- and backoffice...

... has gone through some name changes since, but the central approach of merging customer interaction **software** with back-end functions like distribution, production planning, inventory control, and financials hasn't. And while some large ERP vendors recently have acquired SFA and customer interaction **software**, PowerCerv benefits from having developed the solution on its own, he contends.

"ERP Plus doesn't...

...and

profitability, says Galloway. In February, PowerCerv hired Michael J. Simmons, former CFO of Platinum **Software** Corp., as president and COO. This spring, PowerCerv also added a new CFO, a vice...an integrated ERP suite is new to them. That's an advantage for us."

Macola **Software**

Following the "quick turn" beat

Macola **Software**, Marion, Ohio, follows the strong, successful beat of a different drummer-and the beat goes...

...needs go from simplistic to complex."

According to Hollinger, "functional scalability" is achieved by delivering **software** that lets small and mid-sized manufacturers automate business processes along a continuum that includes...

...of their business."

Small and mid-sized manufacturers tend to need one of two management **software** systems: basic manufacturing management functionality for "quick-turn" manufacturers, and full-function ERP for those...  
...types of manufacturing within one facility.

HarrisData Corp. Validated growth

"The real health of a **software** company is in new-name accounts," says Al Seyler, president and CEO of HarrisData Corp. In other words, many **software** companies with obsolete products manage to hang on by servicing their installed base. But the...part of 1997 recovering from a failed attempt to expand into the market for enterprise **software** for the \$100-million to \$500-million tier of manufacturers.

"We lost our focus," says...

...painful but valuable, says Haley—a not uncommon story of the passages of a growing **software** vendor. Coming off of 33 consecutive quarters of profitable growth, from 1987 to 1995, the...Systems is ready to take on the U.S. market for enterprise resources planning (ERP) **software** with a suite of products that is unquestionably broad, and that the company touts as...

...The company also has offices in Switzerland, Malaysia, and Singapore. In India, Ramco has 700 **software** developers, and as part of the \$210 million Ramco Group, is one of 16 business...

... extensible without touching the source code. The suite's Application Configurator allows users to pick **software** objects from different applications to form the system they use. GUI Editor is a tool...

... Douglas Zahour, president of Friedman Corp., was interviewed last year for Manufacturing Systems' Top 75 **Software** review, he stated that the company planned "to grow 20 percent annually." Zahour was a...at Visibility during the last year focused on its role as a supplier of enterprise **software** for mid-sized engineer-to-order manufacturers.

One of Visibility's key product milestones last year...

... about 40 percent in 1997, and reshifted some of its focus from hardware service toward **software** products.

"We're very comfortable in the midrange engineer-to-order marketplace," says Spellman. "Our objectives..."

...improving the scheduling tools that always have been a prominent part of the company's **software**.

ProfitKey, formerly part of Level 8 Systems, a New York-based vendor of message-oriented middleware...

... ProfitKey's COO. "But Platinum Equity Holdings owns a group of about a half-dozen **software** companies, and now we have the ability use the sales channels of these other companies...out

ROI Systems has spent the past 20 years selling reliable enterprise resources planning (ERP) **software** to small and mid-sized manufacturers, and growing quite nicely in the process. But this...

... resources. The site also features a 12-page interactive "white paper" that outlines how ERP **software** meets the major needs of electronics manufacturers. Boyd says the site is part of an...

... six months, with typical implementation costs amounting to less than half the price of the **software**.

The next release of Made2Manage 2000, scheduled to be on the market this fall, should...Building on its approach

The functionality and features of Made2Manage Systems' enterprise resources planning (ERP) **software** is expanding, but the Indianapolis-based vendor hasn't strayed from its basic approach of...

...These core areas haven't precluded the vendor from rapidly expanding the functions of its **software**. Release 2.0 of its system introduced last fall added a rules-based product configurator...

... EC Co., Palo Alto, Calif., provides the e-commerce enhancements, while an agreement with FRx **Software** Corp., Denver, adds financial reporting with drill-down capability.

Made2Manage has deepened support of Microsoft...

... the Microsoft Solution Framework (MSF), Microsoft's recommended set of guidelines, models and principles for **software** development.

MSF exposes critical risks, important planning assumptions, and key interdependencies required for building a business **software** solution. According to Wortman, "MSF's primary benefit to customers will be our improved ability...

... we will be one of the major players in the next generation of manufacturing applications **software**." LK Global's latest efforts will fit this vision of the next generation as the...we need to expand our distribution channel."

This agreement would ultimately transform Telesis into a **software** development engine for its marketplace, which is a series of integrated products for mid-sized...

...the world and have an average number of users between 30 and 50.

Like many **software** companies its size, Telesis, since it announced TelesisMFG in 1991, has focused first on building... accounting; manufacturing planning and finite scheduling; customer service; shipping management; EDI-enabled purchasing; and financials. The **software** price isn't user-dependent, since CMS typically charges a flat \$ 125,000, with a usually amounts to about one-fourth the cost of the **software**; and annual maintenance costs are 12 percent of the **software** price.

The sales force "is a bunch of hunters, not farmers," says Angle, because outside...

... the major ERP vendors," says Angle. "Because we don't have duplicate coding, our entire **software** still loads out in total disk space at well under 2 gigabytes."

89 Scala North...

...in dozens of diverse locations around the world."

As a result, this 20-year-old **software** company achieved 1997 revenues of \$61 million, and has more than 1,000 direct employees...

... wanted one management and financial reporting system, a consistent concept of customer service, one flexible **software** package for the world market-Scala 5-and one implementation methodology."

When Scala was founded in Sweden in 1978 as Scala International AB, it was a financial and distribution **software** specialist that quickly created an international support network by signing up **software** specialists

under exclusive agreements. As the number of applications and partners multiplied-and the number...the Tier 2 and Tier 3 closes by bringing out TRANS4M Lite-a turnkey hardware/**software** system with on-line technical support and a predefined education/consulting package. Indeed, CMI, with...a subledger, recording every transaction that occurs and acting as a repository for all data. **Information** regarding work orders, **purchases**, inventory, and invoices are sent to the cost log, which integrates with a financial system...

...are more broad-based, and function more as horizontal applications, says Liu.

95 Smart Shop **Software** Small ERP company eyes big gains

Last year was a breakout year for Smart Shop **Software**, an enterprise resources planning (ERP) company that has invested heavily in finite scheduling. Many other...

...be aggressively heading for the global marketplace "in the next 18 to 24 months." Platinum **Software** Corp. Acquisitions propel vendor into ERP

One might wonder why Platinum **Software** Corp., a company known for its best-in-class financial accounting **software**, now touts an enterprise resources planning (ERP) solution? The simple answer ...and SQL Server database; and solid plans to integrate Platinum's applications at a deep **software**-component level. "Platinum **Software** offers a different type of enterprise **software** package than the large ERP vendors," he says. "Manufacturing and distribution functions are part of the system, but so is customer interaction **software** and robust financials. Together, they form a feature set that's broad and deep, but...

...company.

The expansion of Platinum's product line began last June, when Platinum acquired Clientele **Software**, a vendor of customer interaction and sales force automation applications. Last November came the FocusSoft acquisition. In March, Platinum renamed FocusSoft the Manufacturing Systems Division of Platinum **Software**, and FocusSoft's Millenia ERP application was renamed Platinum SQL Advanced Distribution and Manufacturing (ADM...

COMPANY NAMES:

...System **Software** Associates Inc...

...DESCRIPTORS: **Software** industry

6/K/2 (Item 1 from file: 813)

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1143967

SFM021

OnLive! Technologies and DataBeam Corporation Ship **First Server**

Solution to Enable Large Scale Integrated Audio and Data Conferencing  
With Microsoft NetMeeting

DATE: August 25, 1997

WORD COUNT: 1,167

COMPANY NAME: ONLIVE! TECHNOLOGIES; DATABEAM CORPORATION  
PRODUCT: COMPUTER, ELECTRONICS (CPR); INTERNET, MULTIMEDIA,  
ONLINE (MLM)  
DESCRIPTORS: NEW PRODUCTS & SERVICES (PDT)  
STATE: CALIFORNIA (CA)  
SECTION HEADING: BUSINESS; TECHNOLOGY

OnLive! Technologies and DataBeam Corporation Ship **First Server**

Solution to Enable Large Scale Integrated Audio and Data Conferencing

## With Microsoft NetMeeting

... to the Internet, also announced today the availability of the Audio Conferencing Server. This server **software** uses the industry standard H.323 audio codec and supports moderated large group audio conferencing...

... technologies for corporate training, distance learning and business collaboration."

### LiveMeeting Suite

LiveMeeting Suite is a **software** -only solution that utilizes DataBeam's neT.120(TM) Conference Server and OnLive!'s audio...

... Audio Conferencing Server provides moderated large group conferencing over IP networks. It is OnLive!'s **second** generation **server software** that uses the H.323 standard audio codec (G.723) to provide the highest quality...

... solution, OnLive! Audio Conferencing Server and LiveMeeting Suite are designed to offer scalable, low-cost **software** solutions for use in the business collaboration, corporate training, distance learning and customer support. LiveMeeting...

### ...DataBeam

Databeam Corp. (<http://www.databeam.com>) is the leading supplier of standards-based collaborative **software** and developers' tools for the Internet, corporate intranets, and telecommunications networks. The company's award-winning application **software**, FarSite(R) and the neT.120(TM) Conference Server, is used by Fortune 500 companies is privately held. For more product and **purchase information**, call 800-877-2325

### About OnLive! Technologies

OnLive! Technologies, Inc., which made its mark in the Internet industry with the **first** multi-user audio **server**, offers a product line of audio conferencing and instant connection **software** to enable live group interaction over the Internet or corporate intranet. OnLive!'s product line...

? b 77,35,583,65,2,233,99

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18feb02 11:34:46 User226364 Session D324.3
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        $0.26  1 Type(s) in Format 95 (KWIC)
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 \$1.76 1.759 DialUnits File20  
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 OneSearch, 13 files, 8.520 DialUnits FileOS  
 \$0.60 TYMNET  
 \$36.73 Estimated cost this search  
 \$36.77 Estimated total session cost 8.819 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 77:Conference Papers Index 1973-2002/Jan  
 (c) 2002 Cambridge Sci Abs  
 File 35:Dissertation Abs Online 1861-2002/Feb  
 (c) 2002 ProQuest Info&Learning  
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 File 2:INSPEC 1969-2002/Feb W3  
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 File 233:Internet & Personal Comp. Abs. 1981-2002/Feb  
 (c) 2002 Info. Today Inc.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2002/Jan  
 (c) 2002 The HW Wilson Co.

Set Items Description

? s first (3n) server and second (3n) server and software

1200684 FIRST  
 61692 SERVER  
 576 FIRST(3N) SERVER  
 613635 SECOND  
 61692 SERVER  
 222 SECOND(3N) SERVER  
 578587 SOFTWARE

S1 3 FIRST (3N) SERVER AND SECOND (3N) SERVER AND SOFTWARE

? s s1 and purchas?

3 S1  
 145814 PURCHAS?  
 S2 0 S1 AND PURCHAS?

? t s1/free,k/1-3

>>>KWIC option is not available in file(s): 77

1/K/1 (Item 1 from file: 2)  
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5853286 INSPEC Abstract Number: C9804-6110B-033

Title: Transient solutions of a **software** model with imperfect  
 debugging and generation of errors by two servers

Publication Date: Feb. 1998

Document Number: S0895-7177(97)00268-9 Document Type: Journal Paper  
 (JP)

Treatment: Theoretical (T)

Descriptors: error statistics; failure analysis; probability; program  
 debugging; **software** reliability

Identifiers: **software** fault; imperfect debugging; error generation;  
 error probability; failure rate; server; transient probability; tridiagonal  
 matrix

Class Codes: C6110B (Software engineering techniques); C6150G (

Title: Transient solutions of a **software** model with imperfect debugging and generation of errors by two servers

Abstract: We obtain the transient solution of probabilities of error in the **software**, the mean number of faults and expected number of failures remaining at time  $t$ , under...

... is finite, the failure rate is proportional to the number of faults present in the **software** at any time, debugging is imperfect, and error generation will never lead the **software** to have infinite errors. Moreover, the **software** is tested by two servers with the first  $M$  errors being debugged by **first server** and the remaining errors ( $M+1 \leq n \leq N$ ) by the **second server**. Also, when a failure occurs, instantaneously repair starts with the following probabilities: 1) the fault content is reduced by one by the **first (second) server** with probability  $\mu_1 / (\mu_1 + \mu_2)$ ,  $\mu_2 / (\mu_1 + \mu_2) \geq \mu_1$ ...

... unchanged with probability  $\Psi$ ; and 3) the fault content is increased by one by the **first (second) server** with probability  $\lambda_1 / (\lambda_1 + \lambda_2)$ ,  $\lambda_2 / (\lambda_1 + \lambda_2) \geq \lambda_1$ ...

... numerical example is presented for the transient probabilities for the number of errors in the **software**, mean number of faults and expected number of failures remaining in the **software**.

...Descriptors: **software** reliability

Identifiers: **software** fault...

1/K/2 (Item 2 from file: 2)

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5234525

Title: Migration made easier [Online transaction processing client-server applications]

Publication Date: 4 March 1996

Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Descriptors: client-server systems; commerce; **software** development management; transaction processing

Identifiers: small-scale **first-generation** client-server applications; second-generation enterprise online transaction processing client-server applications; companies; productivity; performance; competitiveness; executives; managers; OLTP applications; migration

Class Codes: D5020 (Computer networks and intercomputer communications); D2010 (Business and professional); D1000 (General & Management aspects)

Copyright 1996, IEE

Abstract: Making the move from small-scale, **first-generation** client-server applications to **second-generation**, enterprise online transaction processing client-server applications can be difficult. Companies face tough questions...

...Descriptors: **software** development management

Identifiers: small-scale **first-generation** client-server applications...

1/K/3 (Item 3 from file: 2)

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03006276 INSPEC Abstract Number: D87002765

Title: Learning with a Unix network  
 Publication Date: Aug 1987  
 Document Type: Journal Paper (JP)  
 Treatment: Applications (A); General, Review (G)  
 Descriptors: computer networks; education  
 Identifiers: Sun Microsystems; Queen Mary College; University of London;  
 Network File System; Unix-based undergraduate teaching network  
 Class Codes: D2030 (Education and training); D5020 (Networks and  
 inter-computer communications)

...Abstract: files on a network of Unix machines. The plan entailed putting the most commonly used **software**, such as editors, compilers, and window managers on the workstations, allocating one file **server** for **first** and **second** year students' personal files, another server for third year files, and a third for additional files and also **software**. In the network environment, Unix is not an ideal solution, but combined with NFS students...

? b 473,474,475

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$0.13 TYMNET
$3.23 Estimated cost this search
$40.00 Estimated total session cost 9.409 DialUnits
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SYSTEM:OS - DIALOG OneSearch

File 473:FINANCIAL TIMES ABSTRACTS 1998-2001/APR 02

(c) 2001 THE NEW YORK TIMES

\*File 473: This file will not update after March 31, 2001.  
 It will remain on Dialog as a closed file.

File 474:New York Times Abs 1969-2002/Feb 16

(c) 2002 The New York Times

File 475:Wall Street Journal Abs 1973-2002/Feb 15

(c) 2002 The New York Times

Set	Items	Description
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? s first (3n) server and second (3n) server and software

143047	FIRST
449	SERVER
10	FIRST(3N)SERVER
49859	SECOND
449	SERVER
0	SECOND(3N)SERVER
16129	SOFTWARE

S1	0	FIRST (3N) SERVER AND SECOND (3N) SERVER AND SOFTWARE
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? b 278,634,256

18feb02 11:36:40 User226364 Session D324.5

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 \$0.19 0.054 DialUnits File475  
 \$0.19 Estimated cost File475  
 OneSearch, 3 files, 0.170 DialUnits FileOS  
 \$0.06 TYMNET  
 \$0.65 Estimated cost this search  
 \$40.65 Estimated total session cost 9.579 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 278:Microcomputer Software Guide 2001/Dec

(c) 2001 Reed Elsevier Inc.

\*File 278: This file will be taken off Dialog as of February 28, 2002.

Use files 256, 275 instead.

File 634:San Jose Mercury Jun 1985-2002/Feb 16

(c) 2002 San Jose Mercury News

File 256:SoftBase:Reviews,Companies&Prods. 85-2002/Jan

(c)2002 Info.Sources Inc

Set	Items	Description
?	s first (3n)	server and second (3n) server and software
	315755	FIRST
	21309	SERVER
	182	FIRST(3N)SERVER
	162060	SECOND
	21309	SERVER
	85	SECOND(3N)SERVER
	73655	SOFTWARE
S1	3	FIRST (3N) SERVER AND SECOND (3N) SERVER AND SOFTWARE

? t s1/free,k/1-3

>>>KWIC option is not available in file(s): 278

1/K/1 (Item 1 from file: 256)  
 DIALOG(R)File 256:(c)2002 Info.Sources Inc. All rts. reserv.

00125895 DOCUMENT TYPE: Review

PRODUCT NAMES: Red Hat High Availability Server 1.0 (007994)

TITLE: Red Hat rolls out High Availability Server  
 Jul 10, 2000

DESCRIPTORS: Network Servers; Fault Tolerance; Linux; Operating Systems;  
 IBM PC & Compatibles; Network **Software**; Load Balancing  
 REVISION DATE: 20001230

Red Hat **Software**'s Red Hat High Availability Server 1.0 can allow IT managers to better manage...

...balance the load between them. In round-robin routing, the first request goes to the **first server**, the **second** to the **second server**, and so on down the line. Least connection routing (LCR) is used. IP masquerading allows...

DESCRIPTORS: Network Servers; Fault Tolerance; Linux; Operating Systems;  
 IBM PC & Compatibles; Network **Software**; Load Balancing

1/K/2 (Item 2 from file: 256)  
 DIALOG(R)File 256:(c)2002 Info.Sources Inc. All rts. reserv.

00105601

DOCUMENT TYPE: Review

PRODUCT NAMES: Real-Time Replicator for NT (693138); LANtegrity (569071)  
; Octopus HA+ (693146); StandbyServer for NetWare (511153); Marathon  
Endurance 4000 (693111)

TITLE: Cluster Chatter  
Oct 1997

DESCRIPTORS: Fault Tolerance; Network **Software**; LANs; Windows  
NT/2000; Network Servers  
REVISION DATE: 20000830

...applications to mirror. Octopus HA+ uses two servers for automatic data replication on the target **server**. If the first **server** fails, the **second server** assumes the identity of the first. Identical machines are not required; servers are connected across...

DESCRIPTORS: Fault Tolerance; Network **Software**; LANs; Windows  
NT/2000; Network Servers

1/K/3 (Item 3 from file: 256)  
DIALOG(R)File 256:(c)2002 Info.Sources Inc. All rts. reserv.

00068448 DOCUMENT TYPE: Review

PRODUCT NAMES: NetWare 4.1 (699683)

TITLE: The Enterprise Team Dishes Up Some Hot Novell Cuisine  
Sep 26, 1994

DESCRIPTORS: NetWare; Network **Software**; LANs; Operating Systems  
REVISION DATE: 20000930

...tested. The user wants to be able to coordinate the servers after installation, so the **first** NetWare 4.1 **server** is configured using simple installation and the second uses complex, customized configuration methods. Simple installation is straightforward, and customized installation goes much faster than in the past. To make the **second server** a temporary NetWare client, a small DOS partition is created. Logon is from that client to the **first** NetWare 4.1 **server** for installation of the **second** NetWare 4.1 **server**, which has a previously installed CD-ROM volume mounted. The user has no problems at...

DESCRIPTORS: NetWare; Network **Software**; LANs; Operating Systems